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**Assignment 2** (Due February 7th, 2019)

Evolution Work

Maintainability **Assessment**

What did the original programmers do that made it **hard to change** the software?

The original programmers should have split the codes into separate methods so that it would be easier for future programmers who need to modify the codes would understand the purpose of each line of codes. Since the one who needs to change the software need to change it into an interface that will prompt user’s input and read to files, based on that, we wish the original programmers could have create methods for getting user input and method for writing into files.

In doGet(), we wish this method is only for servlet and the input/output could be put into another method so it would be easier for us to just comment out doGet() without having to read off the code and carefully making changes.

What did the original programmers do that made it **easy to change** the software? There are a lot of classes that we don’t have to touch to change the interface, which is a good thing for us.

Original programmers have done very good comments, which we found really important especially when we were modifying someone’s codes.

Original programmers use good coding practice that is easy for people who need to read or modify the old code to understand the meaning behind each line of codes better.

What would you do differently if you did the assignment again?

We first started off by trying to change it into a GUI but gave up eventually after two days as we figured out Command Line Interface was much easier. If we were to do this assignment again, we would want to try harder and change *quizsretake* into GUI.